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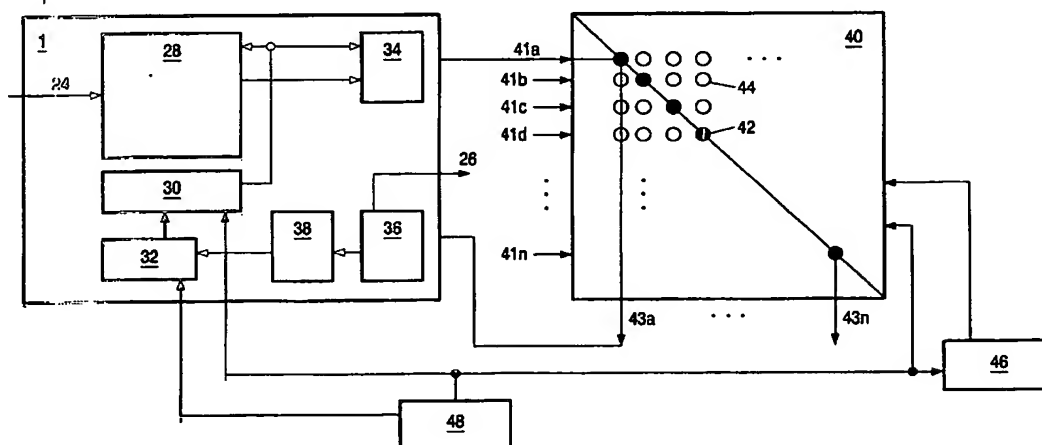
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(54) Title: **SYNCHRONISING CELL TRANSMISSION FOR PACKET SWITCHING**

(57) Abstract: The invention relates to a method and a packet switch for synchronising port controllers (1) with cross-connection means (40). By switching cross-connection means from loopback configurations (41a, 43a) to no-transmission configurations, consecutively an offset counter (32) in a port controller (1) may be altered until transmission of cells is synchronised, so as cells are switched within said cross-connection means (40) within transmission periods.